

Substitute specification approved for entry. -RPS



**SUBSTITUTE SPECIFICATION FOR APPLICATION  
SERIAL NO. 10/718,791, FILED 11/24/03**

**INVENTOR: Karel van den Berg**

**TITLE: A Feed Metering and Animal Identification Device with Load Sensor  
And Closing Means**

**RELATED APPLICATION:**

This Application is a division of Application Serial No. 09/828,911, filed April 10, 2001, which issued as U.S. Patent No. 6,651,584, November 25, 2003.

**FIELD OF THE INVENTION:**

The present invention relates to a feed metering device for distributing fodder or drink, or both, in metered portions to an animal. Such a feed unit may include a manger or feeding trough or both, or a unit provided with a nipple such as may be provided for calves.

**BACKGROUND OF THE INVENTION:**

Such a feed metering device is known from European Patent Application EP-A0610171, of Vogl, published August 10, 1995. By means of a control unit the closing means of this known feed metering device is actively retained in the position in which it closes the manger or feeding trough.

**SUMMARY OF THE INVENTION:**

It is one of the objectives of the present invention to provide an alternatively feed metering device for distributing fodder or drink, or both, in metered portions to an animal, which device, on the one hand, deters in a constructively simple efficient and inexpensive manner